PCT/IL2004/000447 WO 2005/020762

CLAIMS:

- A furniture item comprising at least one support portion, said at least one 1. support portion comprising a receiving frame and a support member comprising a webbing made of flexible material fitted at its edges with frame-engaging profiles 5 formed with first engaging members for secure engagement with corresponding second engaging members of the receiving frame; the invention characterized in that said frame-engaging profiles are integrally molded with said webbing.
 - A furniture item according to Claim 1, wherein the webbing is a sheet of 2. material.
- A furniture according to Claim 1, wherein the webbing is a mesh. 3. 10
 - A furniture item according to Claim 1, wherein the webbing is made of a 4. plurality of transversally extending straps.
 - A furniture according to claim 1, wherein the webbing is made of or coated 5. with a thermoplastic material.
- A furniture item according to Claim 1, wherein the webbing is made of 6. 15 mesh fabric woven of polymeric yarns coated with thermoplastic material.
 - A furniture item according to Claim 1, wherein the frame-engaging profiles 7. are made of a material having a substantially low coefficient of thermal expansion (CTE).
- A furniture item according to Claim 1, wherein the frame-engaging 8. 20 profiles are made of thermoplastic material.
 - A furniture item according to Claim 1, wherein the webbing has a 9. roughened texture at least at zones attached to the frame-engaging profiles.
- A furniture item according to Claim 1, wherein the webbing has a porous 10. 25 texture at least at zones attached to the frame-engaging profiles.
 - A furniture item according to Claim 1, wherein the frame-engaging profiles 11. form a closed frame structure corresponding with the receiving frame.
 - A furniture item according to Claim 1, wherein the frame-engaging profiles 12. extend substantially along edges of the webbing.

PCT/IL2004/000447

WO 2005/020762

- 13. A furniture item according to Claim 1, wherein material of the frame-engaging profiles penetrates through the webbing to thereby increase mechanical engagement therebetween.
- 14. A furniture item according to Claim 1, wherein the frame-engaging profiles are heat welded to respective portions of the webbing.
 - 15. A furniture item according to Claim 1, wherein at least some portions of zones of the frame-engaging profiles attached to the webbing sandwich the webbing.
- 16. A furniture item according to Claim 1, wherein the furniture is a garden 10 furniture.
 - 17. A furniture item according to Claim 1, wherein the frame-engaging profiles are detachable from the receiving frame.
 - 18. A furniture item according to Claim 1, wherein the first engaging members of the frame-engaging profiles are snapingly engaged with the second engaging members of the receiving frame.
 - 19. A furniture item according to Claim 1, wherein the first engaging members of the frame-engaging profiles project into the second engaging members of the receiving frame and are lockingly engaged with one another.
 - 20. A furniture item according to Claim 1, wherein the webbing is tensioned upon engaging the frame-engaging profiles with the receiving frame.
 - 21. A furniture item according to Claim 1, wherein the receiving frame is integral with a frame portion of the furniture.
- 22. A furniture item according to Claim 1, wherein the receiving frame comprises openings for receiving the frame-engaging profiles and the frame-engaging profiles are formed with concealing portions, wherein upon engagement said concealing portions close the openings of the receiving frames.
 - 23. A furniture item according to Claim 1, wherein prior to engagement of the support member to the support frame a plane of the webbing and a plane of the frame-engaging profiles are substantially parallel, whilst at the engaged position said panes intersect one another.

PCT/IL2004/000447 WO 2005/020762

A method for manufacturing a support portion for a furniture item, said 24. support portion comprising a receiving frame and a support member comprising a webbing made of flexible material fitted at its edges with frame-engaging profiles formed with first engaging members for secure engagement with corresponding second engaging members of the receiving frame; the method includes integrally

-10-

A method according to Claim 24, wherein the webbing is made of mesh 25. fabric woven of polymeric yarns coated with a thermoplastic material.

molding of the said frame-engaging profiles with the webbing.

- A method according to Claim 24, wherein the frame-engaging profiles are 26. made of a material having a substantially low coefficient of thermal expansion (CTE).
 - A method according to Claim 24, wherein during the molding process the 27. material of the frame-engaging profiles penetrates through the webbing to thereby increase mechanical engagement therebetween.
- A method according to Claim 24, wherein during molding the frame-28. 15 engaging profiles are heat welded to respective portions of the webbing.
 - A method according to Claim 24, wherein at least some portions of zones 29. of the frame-engaging profiles attached to the webbing sandwich the webbing.
 - A method according to Claim 24, wherein the frame-engaging profiles are 30. connectable to the receiving frame in a detachable fashion.
 - A method according to Claim 24, comprising the following steps: 31.
 - (a) Obtaining a mold;

25

- Applying the webbing material into the mold; (b)
- Closing the mold and injecting molten material into the mold to thereby mold the frame-engaging profiles integrated with said webbing;
 - (d) Removing the integrated support portion from the mold.
- A method according to Claim 24, wherein the webbing is a sheet of 32. material.

WO 2005/020762 PCT/IL2004/000447

- 33. A method according to Claim 24, wherein the webbing is made of a plurality of transversally extending straps.
- 34. A method according to Claim 31, wherein during the molding process plane of the webbing and a plane of the frame-engaging profiles are parallel.
- 5 35. A method according to Claim 31, wherein during step (c) molten material of the frame-engaging profiles penetrates through the webbing to thereby increase mechanical engagement therebetween.
- 36. A support member for fitting to a support portion of a furniture item, said support member comprising a flexible webbing integrally molded with frame10 engaging profiles engageable with corresponding engaging members of a receiving frame of the support portion.
 - 37. A support member according to Claim 31, wherein the webbing is made of or coated with a thermoplastic material.
 - 38. A support member according to Claim 36, wherein the webbing is made of mesh fabric woven of polymeric yarns coated with a thermoplastic material.
 - 39. A support member according to Claim 36, wherein the frame-engaging profiles are made of a material having a substantially low coefficient of thermal expansion (CTE).